

A COLLECTION OF INVERTEBRATES ASSEMBLED BY THE LATE NORMAN E. HICKIN

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Abstract

During 2000 a collection of insect specimens accumulated by the late Dr Norman E. Hickin was found in a building in the Wyre Forest, Worcestershire. The identifiable material is catalogued. This material includes a number of significant Wyre Forest records and provides a microcosmic glimpse of the distinctive invertebrate life of that area.

Introduction

During the evening of 23 September 2000, KM attended a moth-trapping session at Lodge-Hill Farm in the Worcestershire Wyre Forest, where he observed an assortment of cardboard boxes under a table in an annexe; on investigation, these proved to contain a collection of dried invertebrates. Many of the specimens were contained in small rectangular airtight plastic containers, whilst others were pinned in small corked boxes. The condition of the specimens ranged from very good to entirely disintegrated, and many lacked accompanying data. Two things were of immediate interest; the name of N. Hickin was written in ink on many of the data labels, evidently in his own hand (those which conform to his calligraphy but are unsigned are marked "N. E. Hickin?" in Table 1), and some significant invertebrates were included.

Discussion

It was established that the building in which the collection was found is owned by English Nature, and permission was granted to KM to remove the collection by Mr Simon Walker, who is a Reserves Manager employed by English Nature, and whose duties cover this area. KM then approached PFW to see how work on the collection might be advanced. It was agreed that KM would deal with the bulk of the Lepidoptera, and that PFW would attend to everything else; results overall were not expected to be in any sense complete, due to the variable condition of the material. A store-box of caddis flies was almost wholly destroyed, and has had to be disregarded in this account. There were many instances of damage by anthrenid beetles and by mites (none of which were active), and one live example of the psocid *Liposcelis patula* Broadhead was discovered. There seems little doubt to us that the whole collection relates to Dr Hickin. Remarkably for such a limited amount of unaccessioned material, the dated specimens cover a period of 61 years up to 1981, so that both a *terminus post quem* and *terminus ante quem* are available for its formation. The early material dates from 1920 – 1925, is associated with G. V. Snelson, and includes Lepidoptera from Southport in Lancashire. Even in those early years, however, an association with Wyre Forest is apparent, and specimens of *Bena prasinana* (L.) (Lep.: Noctuidae) and *Rhemupaterra hastata* (L.) (Lep.: Geometridae)

survive from that time. Snelson also evidently collected at Sutton Park near Birmingham. Much of the material in the small plastic containers, especially that in box 9, originates from light-trapping. Many of these boxes contain moth-scales but no moths; some of them appear to have incarcerated live invertebrates, some of which in turn metamorphosed and produced parasitoids, all of which died *in vitro*. Others contain hatched moth ova and their larvae. The specimens in container 3:20, none of which have data, include two examples referable to the west Mediterranean Sea-basin *Chitona suturalis* (Ol.) (Col.: Oedemeridae), as well as an Ornate *Utetheisa ornatatrix* (L.), (Lep.: Arctiidae), a moth native of the americas, and a tropical hesperiid. The origin of these, and Hickin's sources for them, remain unknown, although most labelled material in box three dates from 1972. Neither have we sought to clarify the significance of Hickin's personal contacts.

This collection is important for a variety of reasons. It throws further light on the activities of Dr Hickin, whose connections with Wyre Forest (Hickin, 1971) are well-known, and it throws significant light on the biota of Wyre Forest in the past. In some cases the specimens represent the more recent examples of their kind known from Wyre Forest environs. The material also throws some light on Hickin's methodology as a collector, in the sense that his natural curiosity and artistic appreciation clearly drew him to the great variety of colour and form exhibited by the larger invertebrates. Many of the more spectacular species in this collection are figured in his published works. One can envisage Hickin perambulating amongst the wide variety of ecotones and anthropohabitats of Wyre, as well as at his various homes including The Newalls, collecting selectively (staphylinid beetles are scarcely represented in the collection, apart from one or two of the larger staphylinines) from the wide variety of invertebrates that he came across. One can envisage him perusing the trunk of the tree, which in box 9:44 provided, without data, both *Korynetes coeruleus* (Col.: Cleridae) and samples of lead shot. Another box contained a macrolabic nymph of the earwig *Forficula auricularia* L. (Forficulidae); others the mayfly *Ephemera danica* (Müller) (Ephemeridae) which has an arresting flight; yet others desiccated larvae of syrphine Diptera which aroused his curiosity, but which he evidently was unable to identify. Hickin was, however, aware of the case for biological conservation, writing over 30 years ago (Hickin, 1971) with regard to the Kentish Glory *Endromis versicolora* (L.) (Endromidae) "that all collecting of it should cease forthwith."

A database of the collection has now been created, and it is from this that Table 1, listing only those species with the better data, has been generated. Each individual container has been numbered, and replaced in its original box; our objective being that the collection should be lodged with a provincial museum. Of the 328 specimens (excluding the destroyed Trichoptera) represented in the collection, 212 (65%) have no data, and 21 (6%) cannot be determined readily to species level by us. We contend that many of the species without data also originate from the Wyre Forest, particularly, as is the case with certain scarce and rare species e.g., *Aleurostictus nobilis* (L.) (Col.: Scarabaeidae) and *Ctenicera pectinicornis* (L.) (Col.: Elateridae),

when they are closely associated with specimens that do have accompanying data. It is inconceivable that the single Kentish Glory *E. versicolora* (L.) did not originate from Wyre, and it may even be the one used to illustrate Hickin (1971).

Significant species

- Pyrgus nalyae* (L.) (Lep.: Hesperidae) Grizzled Skipper. Two specimens without data. A rare and declining resident in Worcestershire and elsewhere (Asher *et al.*, 2001), threatened by loss of habitat. A small colony persists in Wyre Forest (Riley, 1991; A. N. B. Simpson, pers. comm.).
- Leptidea sinapis* (L.) (Lep.: Pieridae) Wood White. One specimen with no data attached. An uncommon, declining and localised resident in Worcestershire (Harper & Simpson, 2002), which despite the statement in Hickin (1971), still occurs in Wyre Forest in small numbers, where Blatch (1886) had found it to be abundant.
- Boloria euphrosyne* (L.) (Lep.: Nymphalidae) Pearl-bordered Fritillary. Nationally Scarce (Nb), BAP species. One specimen of the rare ab. *pallida*, labelled "Wyre Forest, 1967." A rare and declining species (Asher *et al.*, 2001) now confined to Wyre Forest in Worcestershire (Riley, 1991; Harper & Simpson, 2002).
- Melitaea cinxia* (L.) (Lep.: Nymphalidae) Glanville Fritillary. Red Data Book (RDB3), BAP species. One specimen labelled "bred from larva, Isle of Wight, 1953." In Britain this species is virtually confined to cliffs on the Isle of Wight (Lewington, 1999).
- Eurodryas aurinia* (Rott.) (Lep.: Nymphalidae) Marsh Fritillary. Two specimens labelled "Daglingworth, 10.v.1949," Daglingworth being not far distant from Cirencester in Gloucestershire. Extinct in Worcestershire, other than in Trench Wood, where it is maintained by introductions (Harper & Simpson, 2002), the most recent Wyre Forest record apparently dating from 1948 (Riley, 1991).
- Gastropacha quercifolia* (L.) (Lep.: Lasiocampidae) Lappet. One specimen "reared from larva, Gloucester, 1931". This is now a rare and declining species in Worcestershire and Gloucestershire.
- Endromis versicolora* (L.) (Lep.: Endromidae) Kentish Glory. One specimen without data. Apparently now extinct in Worcestershire where last recorded from Wyre Forest in 1972 (Harper & Simpson, 2002), since confined to the Highlands of Scotland. Young (1991) provides a detailed account of this species.
- Mesoleuca albicillata* (L.) (Lep.: Geometridae) Beautiful Carpet. One specimen labelled "Sutton Park, 1921, G. V. Snelson." This is an uncommon resident of ancient woodland in Worcestershire. A specimen from Sutton Park in the suburbs of Birmingham confirms the interest of this former royal hunting forest, which remains relatively undisturbed.
- Rheumaptera hastata* (L.) (Lep.: Geometridae) Argent & Sable. Nationally Scarce (Nb), BAP species. One specimen labelled "Wyre Forest, 6.vi.1922, G. V. Snelson." A rare and declining resident in Worcestershire, where it is now confined to Wyre Forest (Harper & Simpson, 2002).
- Dicallomera fascelina* (L.) (Lep.: Lymantriidae). Dark Tussock. One labelled "bred from larva, Southport, 1920, G. V. Snelson." This is a localised species in Britain including the coastal sandhills of Cheshire and Lancashire (Skinner, 1998). An 1870 record from Malvern, Worcestershire, requires confirmation (Harper & Simpson, 2002).
- Leucoma salicis* (L.) (Lep.: Lymantriidae) White Satin Moth. One labelled as "bred from a larva, Southport, 1920, G. V. Snelson." An uncommon transient resident in Worcestershire with records as recently as 2000 (Harper & Simpson, 2002). Widely distributed throughout Britain, but rarely abundant.

- Parasemia plantaginis* (L.) (Lep.: Arctiidae) Wood Tiger. One specimen without data, last recorded in Worcestershire on Bredon Hill on 3.vi.1897 (Harper & Simpson, 2002).
- Bena prasinana* (L.) (Lep.: Noctuidae) Scarce Silver-lines. One specimen labelled "Wyre Forest, 2.vii.1925, G. V. Snelson." An uncommon resident in Worcestershire oak woods and parklands (Harper & Simpson, 2002).
- Phytometra viridaria* (Clerck) (Lep.: Noctuidae) Small Purple Barred. One specimen without data. A local and rare resident in Worcestershire, last recorded in the Worcestershire Wyre Forest in 1991, however there are records in the Shropshire Wyre Forest in 1999 and 2002 (K. McGee, pers. obs.).
- Graphiocephala fennahii* Young (Hem.: Cicadellidae). North American Rhododendron Leaf-hopper. Nine examples of this rhododendron-associated auchenorrhynchan are represented in the collection (boxes 3:13, 9:16, 9:42) of which two (box 9:16) have the data "Bewdley, Kateshill, 3.ix.1973" in Hickin's hand. This is exactly 40 years after this Nearctic species was first recorded in England (China, 1935); although it has been found at least as far north as South Lancashire (Judd & Rotherham, 1992) it remains scarce in Worcestershire.
- Aleurostictus nobilis* (L.) (Col., Scarabaeidae) Noble Chafer. Red Data Book (RDB2). Two examples, one (box 9:11) without data, the other (box 9:40) bearing the data "in house, Newalls, Wyre Forest, 12.vi.1970." This is an increasingly rare old forest species (which undoubtedly warrants Ancient Woodland Indicator status in Britain) which breeds in decaying trees, and which in comparatively recent times has benefited from orchard practice (Whitehead, 1997; 1999). *A. nobilis* has been observed in houses, which it may perceive as structures bearing apertures and potential larval niches, in Worcestershire, Gloucestershire and Herefordshire. It has been observed in Wyre Forest since at least 1930 (Smith, 1948; Fraser, 1949) where it is a relict of Coed Mawr (Whitehead, 1996). Although, it still persists in Wyre Forest, its future there is by no means assured.
- Ctenicera pectinicornis* (L.) (Col.: Elateridae). Nationally scarce status Na. Examples of *C. pectinicornis* were found in box 9:38 without data and in box 9:34 (two) bearing the data "Newalls, Wyre, Worcs, N. E. H., 5.vi.1968." This is an increasingly scarce species (Mendel & Clarke, 1996), apparently nearing extinction in Worcestershire, often associated with small-scale woodland clearances or patchy woodland land use mosaics, which is still extant at Wyre Forest (K. McGee, pers. obs., 2.v.1999). It prefers well-aerated sediments.
- Trichodes octopunctatus* (F.) (Col.: Cleridae). Box 9:25 contains an example of this species bearing the data "live, Kateshill, Bewdley, Spain? vi. 1979, *Trichodes reichei*." The distribution of *T. octopunctatus*, which has been mapped by Gerstmeier (1998), accords well with Hickin's suggestion that this specimen has a Spanish origin.
- Hylecoetus dermestoides* (L.) (Col.: Lymexelidae). Ancient Woodland Indicator (AW3). Box 2:3 contains a female, extensively consumed by larval *Anthrenus* sp., bearing the data, in Hickin's hand, "Wyre Forest, 23.v.1970."
- Stenurella nigra* (L.) (Col., Cerambycidae). Red Data Book (RDB3 – *sensu* Fowles *et al.*, 1999). This is an increasingly rare longhorn beetle, which was known to have highly localised populations at Wyre Forest, where it favoured the flowers of Wood Spurge *Euphorbia amygdaloides*. Four examples are represented in the collection, of which those in boxes 9:28 and 9:42 are without data, but contain, in the case of box 9:28, a sprinkling of dried bracts and flowers of Wood Spurge, which Hickin placed in with the beetle. Box 9:22 contains two specimens bearing the data "Wyre Forest, Worcs, N. E. H., 1.viii.1962."

Location of sites

Sites mentioned in the collection data include, in Lancashire (VC59): Southport (SD31); in the West Midlands (VC38): Sutton Park (SP19); in Worcestershire (VC37): The Newalls, Wyre (SO77, c120m O.D.), Buckridge, Wyre (SO77, c150m O.D.), Kateshill, Bewdley (SO77, c35m O.D.), Ribbesford, Bewdley (SO77); in Gloucestershire (VC33): Daglingworth (SO91), Gloucester (SO81); in Norfolk (VC28): Thetford (TL88) and the Isle of Wight (VC10).

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Table 1. Select list of invertebrates assembled by or associated with the late Dr N. E. Hickin, found during 2000 at Wyre Forest, Worcestershire (single examples unless otherwise stated)

Box number	Higher taxonomy	Species (and numbers)	Locality	Date(s)	Other notes
4.6	Ephemeroptera Ephemeridae	<i>Ephemera danica</i> (Müller)	Wyre, Newalls	15.vi.1968	N. Hickin?
4.5	Odonata Calopterygidae	<i>Calopteryx virgo</i> (L.)	Bewdley, Blackstone Rock	27.v.1972	
4.5	Hemiptera Cercopidae	<i>Cercopis vulnerata</i> Illiger in Rossi	Bewdley, Blackstone Rock	27.v.1972	
9.16	Cicadellidae	<i>Graphocephala fennalis</i> Young(2)	Bewdley, Kateshill	3.ix.1973	"N. E. H"
9.13	Cixiidae	<i>Tachycixius pilosus</i> (Ol.)	Wyre Forest	12.vi.1968	"N. Hick."
4.32	Cixiidae	<i>Tachycixius pilosus</i> (Ol.)	Bewdley, Kateshill	11.vi.1973	
9.13	Lygaeidae	<i>Gastrodes grossipes</i> (DeG.)	Wyre Forest	12.vi.1968	"N. Hick."
9.43	Miridae	<i>Miris striatus</i> (L.)	Wyre Forest	29.vi.1964	"N. E. Hickin"
4.12	Neuroptera Osmylidae	<i>Osmylus fulvicephalus</i> (Scop.)	Wyre, Buckridge	11.vi.1980	
10	Lepidoptera Tortricidae	<i>Rhyacionia buoliana</i> (D.&S.)	Thetford	18.vi.71	det T. Winter
2.8	Plutellidae	<i>Ypsolopha parenthesella</i> (L.)	Wyre, Newalls	9.vi.1970	" <i>Quercus</i> leaves"
3.26	Tortricidae	<i>Epiblema uddmanniana</i> (L.)	Wyre, Buckridge	10.viii.1972	
4.31	Lycaenidae	<i>Satyrium w-album</i> (Knoch)	Bewdley, Kateshill	10.viii.1978	"under swift's nest"
6	Nymphalidae	<i>Boloria euphrosyne</i> (L.) ab. <i>pallida</i> L.	Wyre Forest	1987	
8	Nymphalidae	<i>Euphydryas aurinia</i> (Rottemburg) (2)	Daglingworth	10.v.1949	

Box number	Higher taxonomy	Species (and numbers)	Locality	Date(s)	Other notes
8	Nymphalidae	<i>Melitaea cinxia</i> (L.)	Isle of Wight	1953	"bred from larva"
1	Lasiocampidae	<i>Gastropacha quercifolia</i> (L.)	Gloucester	1931	"reared"
1	Thyatiridae	<i>Thyatira batis</i> (L.)	Sutton Park	1924	"bred G. V. Snelson"
1	Thyatiridae	<i>Habrosyne pyritoides</i> (Hufnagel)	Birmingham	1922	"bred G. V. Snelson"
3.11	Geometridae	Indeterminate (2)	Wyre, Buckridge	7.vi.1972	"P. Willis"
4.10	Geometridae	<i>Geometra papilionaria</i> (L.)	Wyre, Buckridge	viii.1979	
3.15	Geometridae	<i>Scopula floslactata</i> (Haworth)	Ribbesford, Woods	6.vi.1972	N. Hickin?
1	Geometridae	<i>Xanthorhoe montanata</i> (D.& S.)	Birmingham	1921	"G. V. Snelson"
1	Geometridae	<i>Xanthorhoe fluctuata</i> (L.) ssp. <i>thules</i> (Prout)	Birmingham?	1923	"G. V. Snelson"
1	Geometridae	<i>Mesoleuca albicillata</i> (L.)	Sutton Park	1921	"G. V. Snelson"
1	Geometridae	<i>Cosmorhoe ocellata</i> (L.)	Sutton Park	1921	"G. V. Snelson"
8	Geometridae	<i>Rheumaptera hastata</i> (L.)	Wyre Forest	6.vi.1922	"G. V. Snelson"
1	Geometridae	<i>Abraxas grossulariata</i> (L.)	Birmingham	1922	"bred G. V. Snelson"
3.11	Geometridae	<i>Petrophora chlorosata</i> (Scopoli)	Wyre, Buckridge	7.vi.1972	"P. Willis"
3.38	Geometridae	<i>Opisthograpta luteolata</i> (L.)	Wyre, Buckridge	12.viii.1972	
3.50	Geometridae	<i>Selenia dentaria</i> (F.)	Sandy Mount, Dublin	12.iii.1981	N. Hickin?
4.14	Geometridae	<i>Selenia tetralunaria</i> (Hufnagel)	Wyre, Buckridge	5.viii.1978	
4.15	Geometridae	<i>Odontopera bidentata</i> (Clerck)	Wyre, Buckridge	30.v.1973	"P. M. Willis"
4.4	Geometridae	<i>Biston strataria</i> (Hufnagel)	Wyre Forest		
4.7	Sphingidae	<i>Mimas tiliae</i> (L.)	Wyre Forest	1965	
1	Notodontidae	<i>Phalera bucephala</i> (L.)	Southport	1922	"bred G. V. Snelson"

Box number	Higher taxonomy	Species (and numbers)	Locality	Date(s)	Other notes
1	Notodontidae	<i>Notodonta ziczac</i> (L.)	Southport	1922	"bred G. V. Snelson"
4.10	Notodontidae	<i>Pheosia gnoma</i> (F.)	Wyre, Buckridge	viii.1979	
3.23	Notodontidae	<i>Pheosia gnoma</i> (F.)	Wyre, Newalls	1971	
1	Notodontidae	<i>Prilodon capucina</i> (L.)	Sutton Park	1922	"bred G. V. Snelson"
1	Lymantriidae	<i>Orgyia antiqua</i> (L.)	Sutton Park	1921	"bred G. V. Snelson"
1	Lymantriidae	<i>Orgyia antiqua</i> (L.)		10.vii.1930	"reared"
1	Lymantriidae	<i>Dicallomera fascelina</i> (L.)	Southport	1920	"bred G. V. Snelson"
1	Lymantriidae	<i>Leucoma salicis</i> (L.)	Southport	1920	"bred G. V. Snelson"
8	Arctiidae	<i>Spilosoma lutea</i> (Hufnagel)	Birmingham	1922	"G. V. Snelson"
3.40	Arctiidae	<i>Phragmatobia fuliginosa</i> (L.)	Wyre, Newalls	1971	
1	Arctiidae	<i>Tyria jacobaeae</i> (L.)	Chelmsley	1922	"bred G. V. Snelson"
4.7	Arctiidae	<i>Tyria jacobaeae</i> (L.)	Wyre Forest	1965	
1	Noctuidae	<i>Euxoa nigricans</i> (L.)	Southport	viii?1922	"G. V. Snelson"
1	Noctuidae	<i>Agrotis exclamatoris</i> (L.)	Birmingham	1920	"G. V. Snelson"
1	Noctuidae	<i>Ochropleura plecta</i> (L.)	Warwick?	1921	
3.42	Noctuidae	<i>Noctua prouba</i> (L.)	Bewdley, Kateshill	9.viii.1972	"live in study"
1	Noctuidae	<i>Lycophotia porphyrea</i> (D.& S.)	Sutton Park	vi.1921	"bred G. V. Snelson"
1	Noctuidae	<i>Xestia triangulum</i> (Hufnagel)	Birmingham	1921	"bred G. V. Snelson"
1	Noctuidae	<i>Agrochola circellaris</i> (Hufnagel)	Chelmsley	1923	"G. V. Snelson"
1	Noctuidae	<i>Agrochola lychnidis</i> (D.& S.)	Wyre Forest	1923	"bred G. V. Snelson"
1	Noctuidae	<i>Xanthia togata</i> (Esper)	Sutton Park	1922	"G. V. Snelson"

Box number	Higher taxonomy	Species (and numbers)	Locality	Date(s)	Other notes
1	Noctuidae	<i>Xanthia ictcritia</i> (Hufnagel)	Southport	viii. ? 1922	"G. V. Snelson"
1	Noctuidae	<i>Acronicta megacephala</i> (D. & S.)	Birmingham	1922	"G. V. Snelson"
1	Noctuidae	<i>Acronicta psi</i> (L.)	Southport	1921	"G. V. Snelson"
1	Noctuidae	<i>Cryphia domestica</i> (Hufnagel)	Birmingham	1922	"bred G. V. Snelson"
1	Noctuidae	<i>Panemeria tenebrata</i> (Scopoli)	Wyre Forest	1920	"bred G. V. Snelson"
8	Noctuidae	<i>Bena prasinata</i> (L.)	Wyre Forest	2.vii.1925	"G. V. Snelson"
1	Noctuidae	<i>Pseudoips fagana</i> (F.) <i>britannica</i> (Wn.)	Grantham	11.vi.1930	N. Hickin?
1	Noctuidae	<i>Diachrysia chrysiis</i> (L.)	Ward End	vii.1931	
1	Noctuidae	<i>Autographa gamma</i> (L.)	Birmingham	v.1925	"G. V. Snelson"
1	Noctuidae	<i>Euclidia glyphica</i> (L.)		v.1921	"May '21"
Coleoptera					
9.31	Carabidae	<i>Cyclurus caraboides</i> (L.)	Bewdley, Kateshill	4.vi.1972	"see Linssen Vol 1 p.73"
9.12	Silphidae	<i>Nicrophorus vespilloides</i> Herbst.	Bewdley, Kateshill	30.ix.1973	"Dryad's Saddle"
3.19	Silphidae	<i>Silpha</i> sp. (larva)	Wyre Forest	25.v.1972	
9.34	Geotrupidae	<i>Geotrupes stercorarius</i> (L.)	Wyre, Newalls	5.vi.1968	"N. E. Hickin"
9.29	Scarabaeidae	<i>Melolontha melolontha</i> (L.)	Bewdley, Kateshill	3.vi.1972	
9.34	Scarabaeidae	<i>Melolontha melolontha</i> (L.)	Wyre, Newalls	5.vi.1968	"N. E. Hickin"
9.40	Scarabaeidae	<i>Aleurostictus nobilis</i> (L.)	Wyre, Newalls	12.vi.1970	"in house"
9.34	Elateridae	<i>Ctenicera pectinicornis</i> (L.) (2)	Wyre, Newalls	5.vi.1968	"N. E. H."
9.13	Elateridae	<i>Agriotes pallidulus</i> (Illiger)	Wyre Forest	12.vi.1968	"N. Hick."
9.34	Cantharidac	<i>Cantharis livida</i> L.	Wyre, Newalls	5.vi.1968	"N. E. Hickin"

Box number	Higher taxonomy	Species (and numbers)	Locality	Date(s)	Other notes
9.18	Cantharidae	<i>Cantharis pellucida</i> F.	Ribbesford, Woods	6.v.1972	"N. E. H."
9.18	Cantharidae	<i>Rhagonycha lignosa</i> (Müller)	Ribbesford, Woods	6.vi.1972	"N. E. H."
2.3	Dermestidae	<i>Anthrenus fuscus</i> Olivier	WyreForest	23.v.1970	many bits, N. Hickin?
9.25	Cleridae	<i>Trichodes octopunctatus</i> (F.)	Bewdley, Kateshill	vi.1979	"live, Kateshill; Spain?vi.1979"
2.3	Lymexelidae	<i>Hylecoetus dermestoides</i> (L.)	WyreForest	23.v.1970	eaten by <i>Anthrenus</i> , N. Hickin?
9.32	Nitidulidae	<i>Brachypterus urticae</i> (F.)	Wyre, Newalls	5.vi.1968	"N. E. Hickin"
9.18	Nitidulidae	<i>Glischrochilus hortensis</i> (Fourc.) (2)	Ribbesford, Woods	6.vi.1972	"N. E. Hickin"
9.30	Coccinellidae	<i>Adalia bipunctata</i> (L.) (2)	Wyre, Newalls	24.vi.1972	
9.24	Coccinellidae	<i>Adalia decempunctata</i> (L.)	Wyre, Newalls	24.vi.1972	
9.18	Coccinellidae	<i>Coccinella septempunctata</i> L.	Ribbesford Woods	6.vi.1972	"N. E. Hickin"
3.15	Coccinellidae	<i>Propylaea quattuordecimpunctata</i> (L.)	Ribbesford Woods	6.vi.1972	N. Hickin?
9.26	Coccinellidae	<i>Propylaea quattuordecimpunctata</i> (L.)	Wyre, Newalls	24.vi.1972	
9.23	Coccinellidae	<i>Calvia quattuordecimguttata</i> (L.) (2)	Wyre, Newalls	24.vi.1972	" <i>Prunus spinosa</i> "
2.3	Coccinellidae	<i>Thea vigintiduopunctata</i> (L.)	Wyre Forest	23.v.1970	bits, N. Hickin?
9.18	Latridiidae	<i>Aridius nodifer</i> (Westwood)	Ribbesford, Woods	6.vi.1972	"N. E. H."
9.32	Scaphitidae	<i>Anaspis thoracica</i> (L.)	Wyre, Newalls	5.vi.1968	"N. E. H."
9.27	Chrysomelidae	<i>Cassida rubiginosa</i> (Müller)	Wyre, Buckridge	10.v.1977	"P. M. Willis, Buckridge, Wyre"
9.35	Chrysomelidae	<i>Chrysolina oricalcia</i> (Müller)	Wyre, Buckridge	4.viii.1978	"Tanner"s Bow, Buckridge"
9.41	Cerambycidae	<i>Alosterna tabacicolor</i> (DeGeer)	Wyre, Newalls	24.vi.1972	[<i>Leptura livida</i> misdet]
9.22	Cerambycidae	<i>Stenurella nigra</i> (L.)(2)	Wyre Forest	1.vii.1962	"N. E. H."

Box number	Higher taxonomy	Species (and numbers)	Locality	Date(s)	Other notes
9.19	Cerambycidae	<i>Pachytodes cerambyciformis</i> (Sehrank)	Wyre, Buckridge	7.vii.1978	"DearNorman,Buckridge."P.'
10	Chrysomelidae	<i>Phratora vitellinae</i> (L.)	Alice Holt, Hampshire	11.viii.1965	"poplar, 11.viii.1965"
10	Curculionidae	<i>Hylobius abietis</i> (L.)	Thetford	18.vi.71	"18.vi.71detT. Winter"
10	Curculionidae	<i>Pissodes pinii</i> (L.)	Branshill	vi.1964	
10	Scolytidae	<i>Scolytus scolytus</i> (F.) (2)	AliceHolt, Hampshire	iv.1973	"ex. English Elm"
	Diptera				
4.32	Stratiomyidae	<i>Beris chalybata</i> (Forster)(2)	Bewdley, Kateshill	11.vi.1973	
4.17	Tabanidae	<i>Chrysops caecutiens</i> (L.)	Bewdley, Kateshill	22.vi.1976	Hickin signed "det. J.E. Chainey"
8	Calliphoridae	<i>Lucilia bufonivota</i> Moniez	Wyre Forest	18.viii.1963	"N. E. H."
4.32	Anthomyiidae	<i>Pegomya bicolor</i> (Hoffm.) (2)	Bewdley, Kateshill	11.vi.1973	
8	Muscidae	<i>Phaonia viarum</i> Harris	Wyre Forest	18.viii.1963	"N. E. H."
4.2	Syrphidae	<i>Rhingia campestris</i> Meigen	Wyre, Newalls	25.viii.1973	
4.32	Syrphidae	<i>Syrphini</i>	Bewdley, Kateshill	11.vi.1973	larva
	Pseudoscorpiones				
4.9	Cheiridiidae	<i>Cheiridium museorum</i> (Leach)	Bewdley, Kateshill	9.v.1978	
	Araneae				
2.8	Salticidae	<i>Heliophanus flavipes</i> C. L. Koch	Wyre, Newalls	12.vi.1970	[<i>H. cupreus</i> misdet.] "oak leaves"
3.7	Pholcidae	<i>Pholcus phalangoides</i> (Fuesslin)	?Republic of Ireland	1975	N. Hickin?